

				COMPLETE IF KNOWN	
				Application Number	09/972,050
				Confirmation Number	3857
				Filing Date	October 5, 2001
				First Named Inventor	Mark L. Waechter
				Group Art Unit	3627
				Examiner Name	Ronald Laneau
Sheet	1	of	1	Attorney Docket No.	213828022US1

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

## OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T

EXAMINER <i>St. B. m. Alt</i>	DATE CONSIDERED <i>9/1/05</i>
----------------------------------	----------------------------------

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Form PTO-1449 (Modified) Use several sheets if necessary				<b>COMPLETE IF KNOWN</b>	
				Application Number	09/972,050
				Confirmation Number	3857
				Filing Date	October 5, 2001
				First Named Inventor	Mark L. Waechter
				Group Art Unit	3627
				Examiner Name	Francis J. Bartuska
Sheet	1	of	1	Attorney Docket No.	213828022US1

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

## OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.	T
TH		Partial International Search, International Patent Application No. PCT/US02/29257, 9/11/03, 5 pages	RECEIVED OCT 09 2003 PCT 2003

RECEIVED

OCT 09 2003

## GROUP 3600

EXAMINER <i>ST B m Allit</i>	DATE CONSIDERED <i>4/1/05</i>
---------------------------------	----------------------------------

\*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).

**\*EXAMINER:** Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).

NOV 07 2002

Part of #8

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(use as many sheets as necessary)

Sheet

1

of

5

Attorney Docket No. 213828022US1

## COMPLETE IF KNOWN

Application Number	09/972,050	Conf. No. 3857
Filing Date	October 5, 2001	
First Named Inventor	Mark L. Waechter	
Group Art Unit	3652	
Examiner Name	Unknown	

## U.S. PATENT DOCUMENTS

*EXAMINER INITIALS*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
TM	446,303	Thompson		2/10/1891		
	1,234,707	Whistler		7/24/17		
	2,390,147	Hatton		12/4/45		
	2,621,665	McGee		12/16/52		
	2,865,561	Rosapepe		12/23/58		
	2,931,480	Heim		4/5/60		
	3,065,467	Prevost		11/20/62		
	3,132,654	Adams		5/12/64		
	3,173,742	Simjian		3/16/65		
	3,297,242	Karp		1/10/67		
	3,463,171	Dolman		8/26/69		
	3,589,492	Shirley		6/29/71		
	3,599,771	Hinterstocker		8/17/71		
	3,603,327	Buchholz et al.		9/7/71		
	3,653,481	Boxall et al.		4/4/72		
	3,680,566	Tanaka et al.		8/1/72		
	3,752,168	Bayha		8/14/73		
	3,815,717	Arseneau		6/11/74		
	3,818,918	Nissmo et al.		6/25/74		
	3,870,137	Fougere		3/11/75		
	3,901,368	Klinger		8/26/75		
	3,948,280	Dahl et al.		4/6/76		
	3,952,851	Fougere et al.		4/27/76		
	3,965,912	Gross		6/29/76		
	4,036,242	Breitenstein et al.		7/19/77		
	4,058,954	Asami		11/22/77		
	4,071,740	Gogulski		1/3/78		
	4,089,400	Gregory, Jr.		5/16/78		
	4,092,990	Bayne		6/6/78		
	4,099,722	Rodesch et al.		7/11/78		
	4,100,925	Fukunaga		7/18/78		
	4,106,610	Heiman		8/15/78		
	4,111,216	Brisebarre		9/5/78		
	4,148,331	Nicolaus		4/10/79		
	4,167,949	Hashimoto et al.		9/18/79		
	4,184,366	Butler		1/22/80		
	4,199,744	Aldridge et al.		4/22/80		
	4,228,811	Tanaka et al.		10/21/80		
	4,249,552	Margolin et al.		2/10/81		
	4,266,121	Hirose		5/5/81		
	4,286,704	Wood		9/1/81		
	4,334,604	Davies		6/15/82		
	4,356,829	Furuya		11/2/82		
	4,360,034	Davila et al.		11/23/82		
	4,369,800	Watanabe et al.		1/25/83		
	4,380,316	Glinka et al.		4/19/83		
	4,383,540	De Meyer et al.		5/17/83		
TM	4,398,550	Shireman		8/16/83		

RECEIVED

NOV 08 2002

GROUP 3600

EXAMINER

SF Bm-Alt

DATE CONSIDERED

9/1/05

EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

Please type a plus sign (+) inside this box →

PTO/SB/08A

Approved for use through 10/31/99. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

NOV 07 2002

Substitute for form 1449/176

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(use as many sheets as necessary)

Sheet

2

of

5

COMPLETE IF KNOWN		
Application Number	09/972,050	Conf. No. 3857
Filing Date	October 5, 2001	
First Named Inventor	Mark L. Waechter	
Group Art Unit	3652	
Examiner Name	Unknown	

Attorney Docket No. 213828022US1

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIALS	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
John		4,416,365		Heiman	11/22/83	
		4,434,359		Watanabe	2/28/84	
		4,436,103		Dick	3/13/84	
		4,437,558		Nicholson et al.	3/20/84	
		4,448,297		Mendelsohn	5/15/84	
		4,460,003		Barnes et al.	7/17/84	
		4,469,213		Nicholson et al.	9/4/84	
		4,471,864		Marshall	9/18/84	
		4,488,116		Plesko	12/11/84	
		4,503,963		Steiner	3/12/85	
		4,509,542		Watanabe et al.	4/9/85	
		4,509,633		Chow	4/9/85	
		4,556,140		Okada	12/3/85	
		4,558,711		Yoshiaki et al.	12/17/85	
		4,558,712		Sentoku et al.	12/17/85	
		4,574,824		Paulsen et al.	3/11/86	
		4,598,378		Giacomo	7/1/86	
		4,611,205		Eglise	9/9/86	
		4,622,456		Naruto et al.	11/11/86	
		4,625,851		Johnson et al.	12/2/86	
		4,706,577		Jones	11/17/87	
		4,716,799		Hartmann	1/5/88	
		4,723,212		Mindrum et al.	2/2/88	
		4,733,765		Watanabe	3/29/88	
		4,753,625		Okada	6/28/88	
		4,754,862		Rawicz-Szcerbo et al.	7/5/88	
		4,809,838		Houserman	3/7/89	
		4,842,119		Abe	6/27/89	
		4,872,618		Sato et al.	10/10/89	
		4,883,158		Kobayashi et al.	11/28/89	
		4,884,672		Parker	12/5/89	
		4,910,672		Off et al.	3/20/90	
		4,914,381		Narod	4/3/90	
		4,921,463		Primdahl et al.	5/1/90	
		4,926,997		Parker	5/22/90	
		4,936,435		Griner	6/26/90	
		4,936,436		Keltner	6/26/90	
		4,950,986		Guerrero	8/21/90	
		4,960,196		Kanehara et al.	10/2/90	
		4,964,495		Rasmussen	10/23/90	
		4,978,322		Paulsen	12/18/90	
		4,995,497		Kai et al.	2/26/91	
		4,995,848		Goh	2/26/91	
		4,997,406		Horiguchi et al.	3/5/91	
		5,021,967		Smith	6/4/91	
		5,025,139		Halliburton, Jr.	6/18/91	
		5,030,165		Nilsson et al.	7/9/91	
John		5,039,848		Stoken	8/13/91	

EXAMINER

John B. M. All

DATE CONSIDERED

4/1/05

EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

O I P E  
Please type a plus sign (+) inside this box →

PTO/SB/08A

Approved for use through 10/31/99. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

NOV 07 2002

Substitute for Form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(use as many sheets as necessary)

**COMPLETE IF KNOWN**

Application Number	09/972,050	Conf. No. 3857
Filing Date	October 5, 2001	
First Named Inventor	Mark L. Waechter	
Group Art Unit	3652	
Examiner Name	Unknown	

Sheet

3

of

5

Attorney Docket No. 213828022US1

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIALS	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
TM		5,040,657		Gunn et al.	8/20/91	
		5,056,644		Parker	10/15/91	
		5,067,604		Metcalf	11/26/91	
		5,078,252		Furuya et al.	1/7/92	
		5,083,765		Kringel	1/28/92	
		5,091,713		Horne et al.	2/25/92	
		5,098,339		Dabrowski	3/24/92	
		5,131,885		Nakao et al.	7/21/92	
		5,167,571		Waller	12/1/92	
		5,173,851		Off et al.	12/22/92	
		5,191,957		Hayes	3/9/93	
		5,199,545		Takamisawa et al.	4/6/93	
		5,219,059		Furuya et al.	6/15/93	
		5,226,520		Parker	7/13/93	
		5,236,074		Gotaas	8/17/93	
		5,244,070		Carmen et al.	9/14/93	
		5,254,032		Abc	10/19/93	
		5,263,566		Nara et al.	11/23/93	
		5,279,404		Bruner et al.	1/18/94	
		5,285,883		Le Hong et al.	2/15/94	
		5,291,782		Taylor	3/8/94	
		5,293,979		Levasseur	3/15/94	
		5,293,980		Parker	3/15/94	
		5,299,673		Wu	4/5/94	
		5,316,120		Ibarrola	5/31/94	
		5,321,242		Heath, Jr.	6/14/94	
		5,323,891		Waite	6/28/94	
		5,326,312		Patroni	7/5/94	
		5,346,049		Nakajima et al.	9/13/94	
		5,351,798		Hayes	10/4/94	
		5,379,875		Shames et al.	1/10/95	
		5,386,901		Ibarrola et al.	2/7/95	
		5,386,902		Bointon et al.	2/7/95	
		5,388,680		Hird et al.	2/14/95	
		5,392,891		Ferguson et al.	2/28/95	
		5,404,985		Baughman	4/11/95	
		5,431,270		Wohlrab et al.	7/11/95	
		5,433,310		Bell	7/18/95	
		5,439,089		Parker	8/8/95	
		5,449,058		Kotler et al.	9/12/95	
		5,452,785		Iwamoto et al.	9/26/95	
		5,458,225		Iwamoto et al.	10/17/95	
		5,460,256		Levasseur	10/24/95	
		5,469,952		Kershaw et al.	11/28/95	
		5,484,334		Evdokimo	1/16/96	
		5,489,015		Wood	2/6/96	
		5,494,145		Cohrs et al.	2/27/96	
		5,494,147		Takahashi et al.	2/27/96	
TM		5,501,633		Watkins et al.	3/26/96	

RECEIVED  
NOV 08 2002  
GROUP 3600

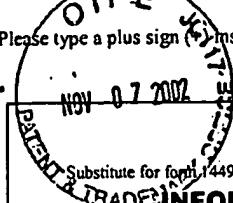
EXAMINER

*87 Bm. Relet*

DATE CONSIDERED

9/1/05

EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).



Please type a plus sign (+) inside this box → +

PTO/SB/08A

Approved for use through 10/31/99. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(use as many sheets as necessary)

Sheet

4

of

5

**COMPLETE IF KNOWN**

Application Number	09/972,050	Conf. No. 3857
Filing Date	October 5, 2001	
First Named Inventor	Mark L. Waechter	
Group Art Unit	3652	
Examiner Name	Unknown	

Attorney Docket No. 213828022US1

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIALS	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
TM		5,515,960		Wood	5/14/96	
		5,564,546		Molbak et al.	10/15/96	
		5,616,074		Chen	4/1/97	
		5,620,079		Molbak	4/15/97	
		5,695,395		Ota et al.	12/9/97	
		5,788,046		Lamah	8/4/98	
		5,988,348		Martin et al.	11/23/99	
		6,047,808		Neubarth et al.	4/11/00	
		6,056,104		Neubarth et al.	5/2/00	
SPM		6,196,371	BI	Martin et al.	3/6/01	

**FOREIGN PATENT DOCUMENTS**

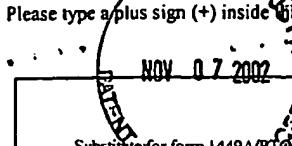
*EXAMINER INITIALS	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)			
TM		CA	2,067,987	O'Brien et al.	11/7/92		
		CA	2,060,630	Catalina Marketing International, Inc.	2/2/99		
&	DT	1 944 488		Standard Elektrik Lorenz AG	3/4/71		
&	DT	25 16 532	A1	Laurel Bank Machine Co., Ltd.	10/30/75		
#	DT	25 28 735	A1	Clark Equipment Co.	4/8/76		
&	DE	30 21 327	A1	Schorpp	12/24/81		
&	DD	288 018	A5	Verkehrswesen Forsch Inst.	3/14/91		
#	EP	0 060 392	BI	Sodeco Compteurs de Geneve	9/22/82		
	EP	0 209 357	BI	Kabushiki Kaisha Universal	1/21/87		
	EP	0 300 781	BI	Scan Coin AB	1/25/89		
	EP	0 724 237	BI	Asahi Seiko Kabushiki Kaisha	7/31/96		
	GB	2,198,274	A	Enterword Limited	6/8/88		
#	JP	1-307891	A	Hitachi Ltd.	12/12/89		
#	JP	3-63795	A	Mitsubishi Heavy Ind. Ltd.	3/19/91		
#	JP	3-92994	A	Hitachi Ltd.	4/18/91		
	PCT	WO 87/05729 SE87/00102	A1	Scan Coin AB	9/24/87	English Portions only	
	PCT	WO 88/08174 GB88/00274	A1	Scan Coin AB	10/20/88		
	PCT	WO 89/01209 GB88/00592	A1	Scan Coin AB	2/9/89		
	PCT	WO 93/02431 DK91/00209	A1	C.T. Coin AS	2/4/93		
	PCT	WO 94/09440 US93/07846	A1	Catalina Marketing International, Inc.	4/28/94		
SPM	PCT	WO 95/30215 US95/05356	A1	Coinstar, Inc.	11/9/95		

**RECEIVED**

NOV 08 2002  
**GROUP 3600**

English  
Portions  
only

EXAMINER	DATE CONSIDERED
SE Bn. Aelst	4/1/05
EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).	



Please type a plus sign (+) inside this box →

NOV 07 2002

PTO/SB/08A

Approved for use through 10/31/99. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A (8/10)

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(use as many sheets as necessary)

**COMPLETE IF KNOWN**

Application Number	09/972,050	Conf. No.	3857
Filing Date	October 5, 2001		
First Named Inventor	Mark L. Waechter		
Group Art Unit	3652		
Examiner Name	Unknown		
Sheet	5	of	5
		Attorney Docket No.	213828022US1

**OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS**

*EXAMINER INITIALS*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume, issue number(s), publisher, city and/or country where published.	T
TRW	•	"Slide Changing Apparatus With Slide Jam Protection", Research Disclosure 30509, 9/89	
	•	F. Zimmerman & Co., "Reference Manual Contovit/Sortovit, Perconta Money Counting and Sorting Systems", 8/95, pp. I-III, I-31, and three pages of specifications	
		Hamilton, "Turning Cans into Cold Cash", <i>The Washington Post</i> , 7/2/91, pp. D1, D4, 194-209	
	•	Reis Eurosystens Geldbearbeitungssysteme, "Test-Programme CS 3110 Selectronic coin sorting and counting machine", 7/92, pp. 1-3	
	•	Reis Eurosystens, "Operating Instructions CS 3110 Selectronic Coin Sorting and Counting Machine With Central Sensor", 7/92, pp. 1-12 I-IV	
TRW		"The Electrical Engineering Handbook", 2 <sup>nd</sup> Edition, CRC Press and IEEE, 1997, edited by Richard C. Dorf, pp. 23-31	

**RECEIVED**

NOV 08 2002

**GROUP 3600**

EXAMINER	DATE CONSIDERED
<i>Re B. Waechter</i>	4/1/05
EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).	